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END OF SEARCH HISTORY

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1. [MIT/GNU Scheme Reference: Input/Output](#)   
 ... **guarantee-input-port object**. procedure: **guarantee-output-port object** ... a port, **input port**, **output port**, or I ... Cha  
**component** of port to be **object**. Returns an ...  
[www.gnu.org/software/mit-scheme/documentation/scheme\\_15.html](http://www.gnu.org/software/mit-scheme/documentation/scheme_15.html) - 178k - [Cached](#) - [More from this site](#)
2. <http://www.math.psu.edu/PSUmathhome/Docs/emacs/info/scheme-11>   
 Info file scheme, produced by Makeinfo, \*- Text \*- from input file scheme.texinfo. This file documents the MIT Scheme s  
[www.math.psu.edu/PSUmathhome/Docs/emacs/info/scheme-11](http://www.math.psu.edu/PSUmathhome/Docs/emacs/info/scheme-11) - 43k - [Cached](#) - [More from this site](#)
3. [5. Bigloo – Standard Library 5.2 Input and output](#)   
 ... line (current-**input-port**))) (if (not (eof-**object**? line ... **object** obj on **output-port**. Each component of the **object** is di  
 library function. For instance ...  
[pauillac.inria.fr/cdrom/www/bigloo/manual/bigloo-5.2.html](http://pauillac.inria.fr/cdrom/www/bigloo/manual/bigloo-5.2.html) - 40k - [Cached](#) - [More from this site](#)
4. [MIT Scheme Reference - Index](#)   
 ... of EOF **object**. construction, of file **input port**, construction, of file **input port**. construction, of file **output port** ... insta  
**component**. **instance**, of condition (defn) ...  
[www-swiss.ai.mit.edu/classes/6.001/FT98/manuals/.../scheme\\_20.html](http://www-swiss.ai.mit.edu/classes/6.001/FT98/manuals/.../scheme_20.html) - 158k - [Cached](#) - [More from this site](#)
5. [Papers - COOTS '96](#)   
 ... Since connecting the **output port** to the **input port** is done in the parent **component**, and the sending ... we are guar  
**instance** sent to the class method ...  
[usenix.org/publications/library/proceedings/.../full\\_papers/addesso](http://usenix.org/publications/library/proceedings/.../full_papers/addesso) - [More from this site](#)
6. <http://www-swiss.ai.mit.edu/projects/info/SchemeDocs/ref-manual/scheme-15>   
 This is Info file scheme, produced by Makeinfo version 1.68 from the input file scheme.texinfo. This file documents the M  
[www-swiss.ai.mit.edu/projects/info/SchemeDocs/ref-manual/scheme-15](http://www-swiss.ai.mit.edu/projects/info/SchemeDocs/ref-manual/scheme-15) - 155k - [Cached](#) - [More from this site](#)
7. <http://www.mit.edu/afs/athena.mit.edu/software/scheme/info/scheme-15>   
 This is Info file scheme, produced by Makeinfo-1.64 from the input file scheme.texinfo. This file documents the MIT Sche  
[www.mit.edu/afs/athena.mit.edu/software/scheme/info/scheme-15](http://www.mit.edu/afs/athena.mit.edu/software/scheme/info/scheme-15) - 155k - [Cached](#) - [More from this site](#)
8. [JavaTime Component Package](#)   
 JavaTime **Component** Package. The JavaTime **component** package (JCP) is the realization of the abstract JavaTime c  
 Java. ... the **instance** variable ... **output port**. Note that some effort is required to extract the number values from the inp  
**component** must check to see that the signal **object** ...  
[www-cad.eecs.berkeley.edu/~jimy/java/jt1.0](http://www-cad.eecs.berkeley.edu/~jimy/java/jt1.0) - 29k - [Cached](#) - [More from this site](#)
9. <http://www.cis.ksu.edu/~sli7667/phase2/sue-presentation2.ppt> (MICROSOFT POWERPOINT)   
 ... connect event **INPUT port**. of current **component**. to event **OUTPUT port** of GPS **component** ... Visitor pattern. **Obj**  
**Component Schema & Component Instance. Component Schema & Port** ...  
[www.cis.ksu.edu/~sli7667/phase2/sue-presentation2.ppt](http://www.cis.ksu.edu/~sli7667/phase2/sue-presentation2.ppt) - 393k - [View as html](#) - [More from this site](#)
10. [RFC Collection](#)   
 Network Working Group P. Newman, Nokia Request for Comments: 2297 W. Edwards, Sprint Updates: 1987 R.  
[www.webtechguru.com/rfc2297.html](http://www.webtechguru.com/rfc2297.html) - 268k - [Cached](#) - [More from this site](#)

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component object "input port" "output port" ins

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### [\[PPT\] Extend IDL Compiler](#)

File Format: Microsoft Powerpoint 97 - [View as HTML](#)

... create **instance** of LazyActive **component** called AirFrame ... connect event **INPUT port** of current **component** to event **OUTPUT port** of GPS **component** ...

[www.cis.ksu.edu/~sli7667/phase2/sue-presentation2.ppt](http://www.cis.ksu.edu/~sli7667/phase2/sue-presentation2.ppt) - May 7, 2005 - [Similar pages](#)

### [Instance isovolume](#)

... nodal data **component** we wish to use for coloring the graphical objects. ...

Now connect Viewer's **input port** to isovolume's second (red) **output port**, ...

[www.ctech.com/evs\\_help/wb\\_inst\\_isovol.htm](http://www.ctech.com/evs_help/wb_inst_isovol.htm) - 6k - [Cached](#) - [Similar pages](#)

### [Proposal Design of Component Based Reconstruction](#)

... various kinds of **object** oriented languages and **component object** models become

... in filter modules, source to an **output port** and sink to an **input port**. ...

[lat.home.cern.ch/lat/notes/filters/](http://lat.home.cern.ch/lat/notes/filters/) - 43k - [Cached](#) - [Similar pages](#)

### [\[PDF\] Multimedia Component Frameworks](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... One port must be an **output port**, the other an **input port**. ... class includes **instance** variables that refer to the **component** objects ...

[www.iam.unibe.ch/~oscar/OOSC/PDF/Gibb95aMMCF.pdf](http://www.iam.unibe.ch/~oscar/OOSC/PDF/Gibb95aMMCF.pdf) - [Similar pages](#)

### [Untitled Document](#)

... An **output port** provides messages that allow another **object** to register interest in

... An **input port** implements the listener interface for these notify ...

[uml.tutorials.trireme.com/uml\\_tutorial\\_6\\_1.htm](http://uml.tutorials.trireme.com/uml_tutorial_6_1.htm) - 27k - [Cached](#) - [Similar pages](#)

### [5. Bigloo – Standard Library<br>5.2 Input and output](#)

... This port is made the current **input port** (resp. the current **output port** or the

... Display recursive **object** obj on **output-port**. Each **component** of the ...

[www-sop.inria.fr/mimosa/fp/Bigloo/doc/bigloo-5.2.html](http://www-sop.inria.fr/mimosa/fp/Bigloo/doc/bigloo-5.2.html) - 55k - [Cached](#) - [Similar pages](#)

### [CloverETL Step by Step Component building](#)

... be only one **Input port** with name/ID 1 and one **Output port** with name/ID 1. ...

way how to created **component instance** aside calling directly constructor. ...

[cloveretl.berlios.de/docs/componentBuilding.html](http://cloveretl.berlios.de/docs/componentBuilding.html) - 13k - [Cached](#) - [Similar pages](#)

### [\[PDF\] 2002: COST: A COMPONENT-ORIENTED DISCRETE EVENT SIMULATOR](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... For **instance**, a **component** integrator may try to link the out- ... The FCFS **component** contains an **input port** and an. **output port**, to receive and sent ...

[www.informs-cs.org/wsc02papers/100.pdf](http://www.informs-cs.org/wsc02papers/100.pdf) - [Similar pages](#)

### [dm\\_developer::Workflow Programming using DFC](#)

... Creating a Workflow **Instance** (aka Using the Workflow Builder **Object**) ...

may be an **Input port** (one that accepts packages for processing), an **Output port** ...

[www.dmdeveloper.com/articles/dfc/wkfldfc.pf.html](http://www.dmdeveloper.com/articles/dfc/wkfldfc.pf.html) - 35k - [Cached](#) - [Similar pages](#)

### [Developer : Developer Home](#)

... A Scenario event is a JMS **Object** Message that has been registered with the

... This allows a **component's** messages to be routed to any other **component** ...

[www.atg.com/portal/myatg/developer?paf\\_dm=full&paf\\_gear\\_id=1100010&detailArticle=true&id=8475](http://www.atg.com/portal/myatg/developer?paf_dm=full&paf_gear_id=1100010&detailArticle=true&id=8475) - 34k -

<http://www.google.com/search?hl=en&q=component+object++%22input+port%22+%22output+port...> 5/9/0!

Goooooooooooooogle ►

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component object "input port" "outp" [Search](#)

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Terms used **component object input port output port instance**

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Best 200 shown

Relevance scale ☐ ☐ ☐ ☐ ☐

## 1 [Technical papers: architecture and implementation: Mixin'Up components](#)

Vugranam C. Sreedhar

May 2002 **Proceedings of the 24th International Conference on Software Engineering**

Full text available:  [pdf\(900.86 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Recently we proposed a language called ACOEL (A Component-Oriented Extension Language) for abstracting and composing software components. Components in ACOEL are black-box components, and each component consists of (1) an internal implementation containing classes, methods, and fields that is hidden to the external world, and (2) an external contract consisting of a set of typed input and output ports. Components in ACOEL interact with each other only via these ports. In this paper we extend ACO ...

## 2 [Composite multimedia and active objects](#)

Simon Gibbs

November 1991 **ACM SIGPLAN Notices , Conference proceedings on Object-oriented programming systems, languages, and applications**, Volume 26 Issue 11


Full text available:  [pdf\(1.77 MB\)](#)

Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

## 3 [Structural active object systems for simulation](#)

Toshimi Minoura, Shirish S. Pargaonkar, Kurt Reh fuss

October 1993 **ACM SIGPLAN Notices , Proceedings of the eighth annual conference on Object-oriented programming systems, languages, and applications**, Volume 28 Issue 10

Full text available:  [pdf\(1.83 MB\)](#)

Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

## 4 [Modeling methodology: Object-oriented paradigm: component-oriented simulation architecture: toward interoperability and interchangeability](#)

Gilbert Chen, Boleslaw K. Szymanski

December 2001 **Proceedings of the 33nd conference on Winter simulation**

Full text available:  [pdf\(101.47 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

In this paper we investigate two issues at the kernel of simulation reusability: interoperability and interchangeability. Their implications on the simulation technology are discussed. Based on our previous work on simulation component oriented world view and simulation component classification, the Component-ORiented Simulation Architecture (COSA) is devised to address both issues. The ideas and considerations which motivated

5 Modeling methodology b: Reusing simulation components: cost: a component-oriented discrete event simulator

Gilbert Chen, Boleslaw K. Szymanski

December 2002 **Proceedings of the 34th conference on Winter simulation: exploring new frontiers**

Full text available:  pdf(173.78 KB) Additional Information: [full citation](#), [abstract](#), [references](#)

COST (Component-Oriented Simulation Toolkit) is a general-purpose discrete event simulator. The main design purpose of COST is to maximize the reusability of simulation models without losing efficiency. To achieve this goal, COST adopts a component-based simulation worldview based on a component-port model. A simulation is built by configuring and connecting a number of components, either off-the-shelf or fully customized. Components interact with each other only via input and output ports, t ...

6 A comparison of the object-oriented and process paradigms

Rob Strom

June 1986 **ACM SIGPLAN Notices , Proceedings of the 1986 SIGPLAN workshop on Object-oriented programming**, Volume 21 Issue 10

Full text available:  pdf(751.55 KB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

7 The liberty structural specification language: a high-level modeling language for component reuse

Manish Vachharajani, Neil Vachharajani, David I. August

June 2004 **ACM SIGPLAN Notices , Proceedings of the ACM SIGPLAN 2004 conference on Programming language design and implementation**, Volume 39 Issue 6

Full text available:  pdf(215.76 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Rapid exploration of the design space with simulation models is essential for quality hardware systems research and development. Despite striking commonalities across hardware systems, designers routinely fail to achieve high levels of reuse across models constructed in existing general-purpose and domain-specific languages. This lack of reuse adversely impacts hardware system design by slowing the rate at which ideas are evaluated. This paper presents an examination of existing languages to rev ...

**Keywords:** Liberty Simulation Environment (LSE), Liberty Structural Specification (LSS), component reuse, simulator construction, structural modeling, type inference, use-based specialization

8 York: programming software components

Vugranam C. Sreedhar

September 2001 **ACM SIGSOFT Software Engineering Notes , Proceedings of the 8th European software engineering conference held jointly with 9th ACM SIGSOFT international symposium on Foundations of software engineering**, Volume 26 Issue 5

Full text available:  pdf(34.66 KB) Additional Information: [full citation](#), [references](#), [index terms](#)

9 Design and performance modeling of component interconnection patterns for distributed software architectures

Hassan Gomaa, Daniel A. Menascé

September 2000 **Proceedings of the second international workshop on Software and performance**

Full text available:  pdf(276.11 KB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

**Keywords:** UML, XML, component interconnection patterns, performance model, queuing networks, software architecture

10 Hierarchical modular modeling/knowledge representation

Bernard P. Zeigler

December 1986 **Proceedings of the 18th conference on Winter simulation**

Full text available:  pdf(833.82 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

This tutorial will emphasize concepts and methodology and will relate them to languages and software environments which are becoming available to support these concepts. We will show how high level specification of discrete event models with hierarchical and modular properties is crucial to the sound integration of knowledge representation approaches of artificial intelligence. We will discuss examples of hierarchical modular models exhibiting self-modifying structure capabilities and show ...

11 Scripting applications in the public administration domain

Gerti Kappel, Jan Vitek, Oscar m. Nierstrasz, Betty Junod, Marc Stadelmann

December 1989 **ACM SIGOIS Bulletin**, Volume 10 Issue 4

Full text available:  pdf(944.61 KB)

Additional Information: [full citation](#), [abstract](#), [index terms](#)

Scripting is an approach for constructing open applications from prepackaged software components. A scripting model characterizes and standardizes the interconnection interfaces of software components appropriate to an application domain. We present a scripting model for the domain of public administration applications, and we provide a scenario of scripting applications in this domain. This scripting model is being incorporated into a prototype visual scripting tool which provides a graphical e ...

12 Modeling methodology: Models and representation of their ownership

Hessam S. Sarjoughian, Bernard P. Zeigler

December 2000 **Proceedings of the 32nd conference on Winter simulation**

Full text available:  pdf(316.14 KB)

Additional Information: [full citation](#), [abstract](#), [references](#)

Models, similar to other intellectual properties, are increasingly being treated as commodities worthy of protection. Providing ownership for models is key for promoting model reusability, composability, and distributed simulation. However, to date, it appears no principled approach has been developed to support ownership of models. Instead, individuals such as modelers and legal personnel employ ad hoc means to obtain and (re) use models developed and owned by others. In this article, we briefly ...

13 An overview of hierarchical control flow graph models

Douglas G. Fritz, Robert G. Sargent

December 1995 **Proceedings of the 27th conference on Winter simulation**

Full text available:  pdf(948.08 KB)

Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

14 Component-oriented software development

Oscar Nierstrasz, Simon Gibbs, Dennis Tsichritzis

September 1992 **Communications of the ACM**, Volume 35 Issue 9

Full text available:  pdf(1.27 MB)

Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

**Keywords:** component-oriented software development, frameworks, reuse



**15 Formalizing style to understand descriptions of software architecture**

Gregory D. Abowd, Robert Allen, David Garlan

October 1995 **ACM Transactions on Software Engineering and Methodology (TOSEM)**,  
Volume 4 Issue 4

Full text available:  pdf(2.93 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)


The software architecture of most systems is usually described informally and diagrammatically by means of boxes and lines. In order for these descriptions to be meaningful, the diagrams are understood by interpreting the boxes and lines in specific, conventionalized ways. The informal, imprecise nature of these interpretations has a number of limitations. In this article we consider these conventionalized interpretations as architectural styles and provide a formal framework for their unif ...

**Keywords:** Z notation, software architecture

**16 A distributed architecture for programming environments**

Dominique Clément

October 1990 **ACM SIGSOFT Software Engineering Notes , Proceedings of the fourth ACM SIGSOFT symposium on Software development environments**, Volume 15 Issue 6

Full text available:  pdf(1.27 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Programming environments are typically based on concepts, such as syntax and semantics, and they provide functionalities, such as parsing, editing, type-checking, and compiling. Most existing programming environments are designed in a fully integrated manner, where parsers, editors, and semantic tools are tightly coupled. This leads to systems that are the sum of all their components, with obvious implications in terms of size, reusability, and maintainability. In this paper, we present a p ...

**17 Scaling, hierarchical modeling, and reuse in an object-oriented modeling and simulation system**

Thorsten Daum, Robert G. Sargent

December 1999 **Proceedings of the 31st conference on Winter simulation: Simulation---a bridge to the future - Volume 2**

Full text available:  pdf(73.03 KB)

Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

**18 The role of polymorphism in class evolution in the DEVS-scheme environment**

Tag Gon Kim

December 1990 **Proceedings of the 22nd conference on Winter simulation**



Full text available:  pdf(553.11 KB)

Additional Information: [full citation](#), [references](#), [index terms](#)

**19 A multimedia component kit: experiences with visual composition of applications**

Vicki de Mey, Simon Gibbs

September 1993 **Proceedings of the first ACM international conference on Multimedia**

Full text available:  pdf(87.59 KB)  ps(303.61 KB)

Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

**Keywords:** active objects, component-oriented software development; multimedia, visual composition

## 20 Viewing Ada from a process model perspective

Rob Strom, Shaula Yemini, Peter Wegner

May 1985 **ACM SIGAda Ada Letters , Proceedings of the 1985 annual ACM SIGAda international conference on Ada**, Volume V Issue 2

Full text available:  [pdf\(1.12 MB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

This paper compares two programming language paradigms for large software systems. The first is based upon nested block structure and static binding, augmented with abstract data types and concurrency, as exemplified by Ada. The second is based upon processes with disjoint data spaces which communicate by passing messages over dynamically bound ports as exemplified by the process model of NIL. We argue that the process model paradigm is simpler, has better support for modularity and programming- ...

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[Wavelet Coefficients, Quadrature Mirror Filters And The.. - Howard, Sirianunpiboon \(Correct\)](#)

2U (1)In terms of the real and imaginary **components** of  $u$ (the local symmetry group is  $SO(2,0)$  a spinor,  $L$ , which is defined as a two **component object** which transforms according to  $SU(2,0)$  when  $www.crasys.anu.edu.au/Projects/pulseTrain/Projects/pulseTrain/Projects/pulseTrain/Papers/./Papers/SH96b.ps.gz$

[H/Direct: A Binary Foreign Language Interface for Haskell - Finne, Leijen, Meijer, Jones \(1998\) \(Correct\) \(7 citations\)](#)

to call both C and COM, and allows a Haskell **component** to be wrapped in a C or COM interface. IDL is a **component**. COM is Microsoft's **component object** model it offers a languageindependent interface IDL identifiers to valid Haskell identifiers. For **instance** to account for the fact that Haskell function [www.haskell.org/active/hdirect.ps](#)

[The Design for the Amulet User Interface Toolkit - Brad Myers \(1995\) \(Correct\) \(4 citations\)](#)

innovations including new constraint, **object**, **input**, and output models, and new forms of innovations including new constraint, **object**, **input**, and output models, and new forms of interactive software research. This environment, which will be **portable** across X/11, Microsoft Windows, and the [pecan.srv.cs.cmu.edu/afs/cs/project/amulet/www/papers/amulethcic95.ps](#)

[Assigning Intonation Elements And Prosodic Phrasing For.. - Black, Taylor \(1994\) \(Correct\) \(5 citations\)](#)

constituent structure already exists in earlier **components** of the translation system. This information can English Speech Synthesis From High Level Linguistic **Input** Alan W Black 1 Paul Taylor 2 1 Atr the same set of words may be a statement in one **instance** and a yes/no question in another. By simply [www.cstr.ed.ac.uk/~awb/papers/icslp94.ps](#)

[A Performance Comparison of the MACE Filter to a Simple.. - Ill, Principe \(1994\) \(Correct\) \(1 citation\)](#)

class while simultaneously rejecting out-of-class **inputs**. As the number of design exemplars is increased, discriminant function (SDF) to refer the LAM **portion** of the filter decomposition. Figure 1. [knicks.cnel.ufl.edu/~atr/./bib/papers/fisher94iuw.ps.gz](#)

[Multiresolution Analysis of Arbitrary Meshes - Eck, DeRose, Duchamp, Hoppe.. \(1995\) \(Correct\) \(259 citations\)](#)

[Computer Graphics]Computational Geometry and **Object** Modeling. surfaces and **object** representations **objects** shown in Color Plates 1(k) and 2(g) for **instance**, consist of 69,473 and 103,713 triangles, [www.research.microsoft.com/~hhoppe/siggraph95.ps.gz](#)

[Concurrent Object-Oriented Programming Using Term Graph.. - George Papadopoulos \(1996\) \(Correct\)](#)

Technology, 1996 (to appear)1 Concurrent **object**-oriented programming using term graph rewriting suspension of the process if none of its first two **input** arguments is instantiated yet. Note here the use at  $t$ . If such rule does not exist (as, for **instance**, in the case where  $t$  is a constructor) [www.kypros.org/UCY/ucy/cs/IST.ps.gz](#)

[A framework for integrating sound into Virtual Environment.. - Fouad, Hahn \(Correct\)](#)

virtual auditory world are modeled using auditory **objects**. Those consist of the auditory world which sampled sound sources are appropriate in many **instances**, synthetic sound sources have advantages for the resultant samples to VAS device **objects**. An **instance** of a VAS device **object** is attached to each sound [www.seas.gwu.edu/graphics/papers/soundspie.ps](#)

[Evaluating Empirical Models for the Detection of High-Risk.. - Lanubile, Visaggio \(1995\) \(Correct\)](#)

Empirical Models for the Detection of High-Risk **Components**: Some Lessons Learned Filippo Lanubile 1 and **component** analysis does not always produce a better **input** for predictive models. The domain metrics have and from 77 to 80 percent of correctness. Porter [Por93] presented an application of [seldi.uniba.it/pub/papers/sew95.ps](#)

[IEEE Trans. on Software Eng. 20, - Ng Aug \(Correct\)](#)

a technique for extending **object**-oriented **component** design by recasting algorithms as **objects** This paper describes a technique for extending **object**-oriented **component** design by recasting algorithms [ftp.cis.ohio-state.edu/pub/rsrg/papers/SEN/SEN-5.ps](#)

<http://citeseer.ist.psu.edu/cis?q=component+object++input%2Bport++instance&submit=Search+D...> 5/9/01

Using Independent Component Analysis for Feature.. - Andreas.. (1998) (Correct)

Using Independent **Component** Analysis for Feature Extraction and technique which identifies the directions in the **input** vector space where the signal **components** are  
[www.wu-wien.ac.at/am/ica\\_wp.ps](http://www.wu-wien.ac.at/am/ica_wp.ps)

Advanced Techniques in Reliability Model Representation and.. - Palumbo, Nicol (1992) (Correct)

of the resulting model size for a system with  $n$  **components** is given by Total number of states  $= i n 1$   
[www.kari.re.kr/NASA/larc/92/tp3242.ps.Z](http://www.kari.re.kr/NASA/larc/92/tp3242.ps.Z)

Conceptual Clustering Using A Connectionist Approach - Adélaïde Stévenin, Gallinari (Correct)

provides contextual information to the linguistic **component** in the form of predictions. This approach subsequences of the first structure are mapped to **objects** in the task domain. These two structural levels for extracting semantic knowledge from text **input**. The system has been validated on an Air Travel  
[www-poleia.lip6.fr/CONNEX/Articles/stevenin-icann93.ps.gz](http://www-poleia.lip6.fr/CONNEX/Articles/stevenin-icann93.ps.gz)

Applying a Dynamic Recognition Scheme for Vehicle.. - Lodzimierz Kasprzak (Correct)

Recognition Scheme for Vehicle Recognition in Many **Object** Traffic Scenes W/lodzimierz Kasprzak 3  
[www.open.brain.riken.go.jp/~kas/PSPAP/mva96.ps.gz](http://www.open.brain.riken.go.jp/~kas/PSPAP/mva96.ps.gz)

Scheduling Transactions with Temporal Constraints: ... - Xiong.. (Correct) (13 citations)

of temporal consistency which consists of two **components** [20]absolute consistency and relative transactions to wait for new versions of data **objects** and policies that take advantage of data the transaction to meet its data-deadline. For **instance**, in Figure 1, the datadeadline of  $T$  becomes  $t + 4$   
[www-ccs.cs.umass.edu/rtdb/paper/rtss96.ps](http://www-ccs.cs.umass.edu/rtdb/paper/rtss96.ps)

A Hypertext System for Integrating Heterogeneous, Autonomous.. - Noll, Scacchi (1994) (Correct) (2 citations)

nodes and links. Each server consist of two **components**: the repository that owns and manages local into a graph structure of linked container **objects**. This paper examines issues involved in applying shows these are simple to implement. For **instance**, we have been able to get gateways running  
[cwis.usc.edu/dept/ATRIUM/Papers/Integrating\\_Software\\_Repositories.ps](http://cwis.usc.edu/dept/ATRIUM/Papers/Integrating_Software_Repositories.ps)

METU Interoperable Database System - Dogac Dengi (1995) (Correct) (10 citations)

have been incorporated into MIND. The main **components** of MIND are a global query processor, a global MIND architecture is based on OMG distributed **object** management model. It is implemented on top of a that represents an integration of the relevant **portions** of the underlying local databases. The users  
[ftp.srdc.metu.edu.tr/pub/mind/papers/sigmodrec95.ps.Z](http://ftp.srdc.metu.edu.tr/pub/mind/papers/sigmodrec95.ps.Z)

Parallel Algorithms for the Circuit Value Update Problem - Leiserson, Randall (1995) (Correct) (1 citation)

of a combinational circuit when some of the **inputs** are changed. We assume for simplicity that each 0 to a 1. The amount of work required to solve an **instance** of the circuit value update problem depends on to obtain different tradeoffs. For **instance**, using a binary heap [4, Chapter 7] yields a  
[theory.lcs.mit.edu/~randall/papers/spaa95.ps](http://theory.lcs.mit.edu/~randall/papers/spaa95.ps)

Perceptual Organization in an Interactive Sketch Editing.. - Saund, Moran (1995) (Correct) (10 citations)

user commands as he draws, selects, and modifies **components** of the image during the course of a drawing tools give users access to visible marks or image **objects** at a single level of abstraction, a human user's in which the program seeks to transcribe the **input** signal into characters. Finally, pen-based  
[www.parc.xerox.com/spl/members/saund/papers/fancytivoli-iccv95.ps.Z](http://www.parc.xerox.com/spl/members/saund/papers/fancytivoli-iccv95.ps.Z)

Towards Mixed Computation/Communication in.. - Calvin, Colombet, ... (Correct)

and  $x$  and  $v$  are two vectors of dimension  $n$ . Each **component** of vector  $v$  is computed as  $v[i] \times j=1$  during a computation (full-duplex, parallel, all-**port** model [14, 18]) We also suppose, according to used for programming numerical applications. For **instance**, we propose several well-known numerical  
[www.ens-lyon.fr/~desprez/FILES/RESEARCH/PAPERS/LOCCS/conpar.ps.gz](http://www.ens-lyon.fr/~desprez/FILES/RESEARCH/PAPERS/LOCCS/conpar.ps.gz)

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